according to Regulation (EC) No. 1907/2006

FLOOR EXPERT EP 310 W KOMP. B



Version	Revis
2.0	17.08

sion Date: SDS Nu 8.2023 MATOG HR/EN

SDS Number: MAT0GE00_011 HR/EN Date of last issue: 08.09.2021 Date of first issue: 08.09.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

on use

Trade name	:	FLOOR EXPERT EP 310 W KOMP. B
Product code	:	Please see section 16 for detailed data
Unique Formula Identifier (UFI)	:	V8W1-U0RN-C00X-89YR

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- stance/Mixture	 SU19Building and construction work Professional and consumer use of coatings PC9a Coatings and paints, thinners, paint removers
Recommended restrictions	: public use, professional use

1.3 Details of the supplier of the safety data sheet

	-	
Company	 CHROMOS - Boje i lakovi d.o Radnička cesta 173D 10000 Zagreb Croatia 	ı.
Telephone Company	: 1 241 0666	
Telefax Company	: 1 241 5535	
Responsible/issuing person	: 1 241 0666 productsafety@chromos.eu	

1.4 Emergency telephone number

Nazvati 112

Broj telefona za medicinske informacije: + 385-01-23-48-342

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification REGULATION (EC) No 1272/2008			
Skin irritation, Category 2	H315: Causes skin irritation.		
Eye irritation, Category 2	H319: Causes serious eye irritation.		

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Skin se	ensitisation, Catego	·y 1		H317: May cause an allergic skin reaction.
	Long-term (chronic) aquatic hazard, Cat- egory 2		ard, Cat-	H411: Toxic to aquatic life with long lasting effects.
.2 Label e	lements			
	ing (REGULATION	(EC) ∣ :	No 1272/200	08)
Signal	word	:	Warning	
Hazard	d statements	:	H317 Ma H319 Ca	uses skin irritation. ay cause an allergic skin reaction. uses serious eye irritation. xic to aquatic life with long lasting effects.
	itionary statements	:	label at ha	nedical advice is needed, have product container or nd. ep out of reach of children.
Precau				
Precau			Preventio	
Precau			Preventio P273 Av	
Precau			Preventio P273 Av	n: oid release to the environment. ear protective gloves/ eye protection/ face protection
Precau			Prevention P273 Av P280 We Response	n: oid release to the environment. ear protective gloves/ eye protection/ face protection.

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) Bisphenol-F-epichlorhydrin-epoxy resin oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Paint

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification REGULATION (EC) No 1272/2008	Concentration (% w/w)
reaction product: bisphenol-A- (epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)	25068-38-6 500-033-5 603-074-00-8	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 50 - < 70
		specific concentration limit Eye Irrit. 2; H319 >= 5 % Skin Irrit. 2; H315 >= 5 %	
Bisphenol-F-epichlorhydrin-epoxy resin	9003-36-5 500-006-8 01-2119454392-40	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2; H411	>= 10 - < 20
oxirane, mono[(C12-14- alkyloxy)methyl] derivs.	68609-97-2 271-846-8 603-103-00-4 01-2119485289-22	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 10 - < 20

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If skin irritation persists, call a physician.

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In cas	se of eye contact	Remove contact Protect unharme Keep eye wide o	nove clothes. h eye(s) with plenty of water. lenses.
lf swa	llowed	Never give anyth	r tract clear. or alcoholic beverages. hing by mouth to an unconscious person. sist, call a physician.
4.2 Most i None knov		is and effects, both acut	e and delayed
4.3 Indica	tion of any immedi	ate medical attention an	d special treatment needed
Treat	•	: Treat symptoma	•
SECTION	1 5: Firefighting n	neasures	
-	u ishing media itable extinguishing a	: High volume wat	er jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures			
Personal precautions	:	Use personal protective equipment.	

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
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			r leakage or spillage if safe to do so. contaminates rivers and lakes or drains inform horities.
6.3 Metho	ds and material for	r containment and clea	aning up
Metho	ds for cleaning up	acid binder, ur	nert absorbent material (e.g. sand, silica gel, niversal binder, sawdust). le, closed containers for disposal.
	nce to other sections: 7, 8, 11, 12 and		

SECTION 7: Handling and storage

7.1 Precautions for safe handling

urs/dust. ain special instructions before use. in and eyes. on see section 8. drinking should be prohibited in the ap- er in accordance with local and national to skin sensitisation problems or asthma, recurrent respiratory disease should not process in which this mixture is being
preventive fire protection.
at or drink. When using do not smoke. preaks and at the end of workday.
bilities
y closed in a dry and well-ventilated ich are opened must be carefully re- ght to prevent leakage. Electrical installa- ials must comply with the technological
stored and applied as directed.
n, refer to the product technical data
guidelines for the use of this sub-

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stance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment	
Eye/face protection :	Equipment should conform to EN 166 Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Hand protection	
Remarks :	Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local condi- tions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin and body protection :	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.
Respiratory protection :	Wear a full face respirator conforming to EN136 with Type A/P2 filter or better. Self-contained open-circuit compressed air breathing appa- ratus (EN 137) In the case of aerosol and mist formation use an approved respirator filter (EN 141).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: in accordance with the product description
Odour	: characteristic
Odour Threshold	: No data available
Flash point	: Not applicable
Decomposition temperature	: No decomposition if stored and applied as directed.

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pН		:	No data available	
	osity /iscosity, dynamic	:	750 - 1.150 mPa.s ((23 °C)
١	/iscosity, kinematic	:	> 21 mm2/s (40 °C)	
	ıbility(ies) Vater solubility	:	insoluble	
S	Solubility in other solve	ents :	Description: No info	rmation available.
	ition coefficient: n- nol/water	:	log Pow: 2,64 - 3,78 nents, highest value	8 (calculation method (principal compo- 9))
Rela	ative density	:	1,34 (calculation me ue))	ethod (principal components, highest val-
Den	sity	:	1,12 g/cm3 (23 °C)	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	No decomposition if stored and applied as directed.
Tiazai uous reactions	 no decomposition il stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid	:	No data available
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10.5 Incompatible materials

Materials to avoid : Not applicable

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Skin corrosion/irritation		
Product:		
Remarks	:	May cause skin irritation and/or dermatitis.
Components:		
reaction product: bisphenol weight ≤ 700):	- A -	(epichlorhydrin); epoxy resin (number average molecular
Result	:	irritating
Bisphenol-F-epichlorhydrin	-ер	oxy resin:
Result	:	irritating
Serious eye damage/eye irri	itati	ion
Product:		
Remarks	:	May cause irreversible eye damage.
Components:		
reaction product: bisphenol weight ≤ 700):	- A -	(epichlorhydrin); epoxy resin (number average molecular
Result	:	Eye irritation
Bisphenol-F-epichlorhydrin	-ер	oxy resin:
Result	:	Eye irritation
Respiratory or skin sensitis	atio	on
Product:		
Remarks	:	Causes sensitisation.
Components:		
reaction product: bisphenol weight ≤ 700):	- A -	(epichlorhydrin); epoxy resin (number average molecular
Result	:	Probability or evidence of skin sensitisation in humans
Bisphenol-F-epichlorhydrin	-ер	oxy resin:
Result	:	Probability or evidence of skin sensitisation in humans

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11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks

: No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700):

Toxicity to fish	:	LC50 : 1,3 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 : 2,1 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	LC50 : > 11 mg/l Exposure time: 72 h
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: 0,3 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea) Method: OECD Test Guideline 211

Bisphenol-F-epichlorhydrin-epoxy resin:

Ecotoxicology Assessment

Chronic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.
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12.2 Persistence and degradability

Components:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700):

Biodegradability : Kinetic:

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28 d: 5 % Method: OECD Test Guideline 301F

12.3 Bioaccumulative potential

Components:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700):

Partition coefficient: n- : log Pow: 2,64 - 3,78 octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

|--|

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment :	The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to	
		REACH Article 57(f) or Commission Delegated regulation
		(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at
		levels of 0.1% or higher.

12.7 Other adverse effects

Product:

:	An environmental hazard cannot be excluded in the event of
	unprofessional handling or disposal.
	Toxic to aquatic life with long lasting effects.
	:

SECTION 13: Disposal considerations

13.1 Waste treatment methods		
Product	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents.

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			s unused product. e empty containers.
Waste	e Code		ste paint and varnish containing organic solvents rdoussubstances
SECTION	14: Transport ir	nformation	
14.1 UN n	umber or ID numb	er	
ADN		: UN 3082	
ADR		: UN 3082	
RID		: UN 3082	
IMDG	ì	: UN 3082	
ΙΑΤΑ		: UN 3082	
14.2 UN p	roper shipping na	ne	
ADN		N.O.S. (reaction proc	NTALLY HAZARDOUS SUBSTANCE, LIQUID duct: bisphenol-A-(epichlorhydrin), Bisphenol-F- n-epoxy resin)
ADR		N.O.S. (reaction proc	NTALLY HAZARDOUS SUBSTANCE, LIQUID duct: bisphenol-A-(epichlorhydrin), Bisphenol-F- n-epoxy resin)
RID		N.O.S. (reaction proc	ENTALLY HAZARDOUS SUBSTANCE, LIQUID duct: bisphenol-A-(epichlorhydrin), Bisphenol-F- n-epoxy resin)
IMDG	•	: ENVIRONME N.O.S. (reaction proc	ENTALLY HAZARDOUS SUBSTANCE, LIQUID duct: bisphenol-A-(epichlorhydrin), Bisphenol-F- n-epoxy resin)
ΙΑΤΑ		: Environmenta (reaction proc	ally hazardous substance, liquid, n.o.s. duct: bisphenol-A-(epichlorhydrin), Bisphenol-F- n-epoxy resin)
14.3 Trans	sport hazard class	(es)	
		Class	Subsidiary risks
ADN		: 9	
ADR		: 9	
RID		: 9	
IMDG	ì	: 9	
ΙΑΤΑ		: 9	

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14.4 Packing group

	ADN Packing group Classification Code Hazard Identification Number Labels		III M6 90 9
	ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	:	III M6 90 9 (-)
	RID Packing group Classification Code Hazard Identification Number Labels	: :	III M6 90 9
	IMDG Packing group Labels EmS Code	:	III 9 F-A, S-F
	IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group	:	964 Y964 III
	Labels IATA (Passenger) Packing instruction (passen-	:	Miscellaneous 964
	ger aircraft) Packing instruction (LQ) Packing group Labels	:	Y964 III Miscellaneous
14.5	Environmental hazards		
	ADN Environmentally hazardous	:	yes
	ADR Environmentally hazardous	:	yes
	RID Environmentally hazardous	:	yes
	IMDG Marine pollutant	:	yes
	IATA (Passenger) Environmentally hazardous	:	yes

IATA (Cargo)

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Environmentally hazardous : yes

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

- E2 ENVIRONMENTAL HAZARDS
- Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Not applicable

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16: Other information

Full text of H-Statements

Full tout of other all her defines				
H411 :	Toxic to aquatic life with long lasting effects.			
H319 :	Causes serious eye irritation.			
H317 :	May cause an allergic skin reaction.			
H315 :	Causes skin irritation.			

Full text of other abbreviations

Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration

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associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration: NO(A)EL - No Observed (Adverse) Effect Level: NOELR - No Observable Effect Loading Rate: NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

1

Further information

which the SDS is valid

Classification of the mixture:

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 2	H411
Material codes (bulk) for	431666 ,

Classification procedure:

Calculation method
Calculation method
Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.